



Large scale video migration

Preserving and managing audiovisual heritage

memnon
ARCHIVING SERVICES

YOUR MEDIA ARCHIVING PARTNER

A unique and invaluable heritage

More than 50 years ago, the launch of television revolutionised the way the life is captured and rebroadcast exactly as it was recorded. Its success quickly proved problematic in terms of conservation

If film was the initial recording medium, this was soon to be replaced in the seventies and eighties by video. The quick pace of technological development in this field brought with it problems related to the conservation of content and the rapid technical obsolescence of recording equipment and standards. There was a quick succession of more than twenty or so different formats and/or media.



The fact that video content can only be played on specific equipment means that most videos are under threat not only due to the physical and chemical instability of the media, but also because dedicated playing equipment tends to disappear.

Transferring the video content to standard file formats which offer better reliability and longer life span has therefore become an urgent necessity.

Millions of hours of film and television are at risk

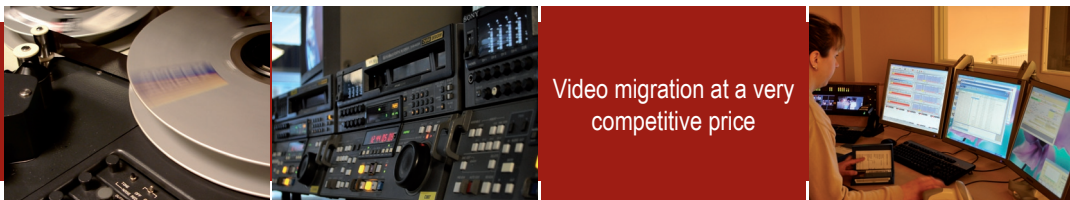
In the field of preserving audiovisual archives, **Memnon** is a proven leader, involved in the digitization / migration of more than 500,000 hours of audiovisual archives from prestigious cultural institutions and broadcasters.

Our digitisation facilities based in Brussels (Belgium) and Ånge (Sweden) offer institutions, broadcasters, companies, libraries, museums and many other organisations a way of safeguarding precious audiovisual material for future generations.

Memnon is committed to providing high quality cleaning and processing to enhance media quality while ensuring authenticity of the original content, fast transfer through latest automated preservation processes and excellent cost efficiency. Our focus is at all times to meet criteria set by the broadcast industry and international archive sector while staying within client's budget.

As a client, you can choose the level of support you need to protect your archives from simple digitalization / migration to a full package, including project management, restoration, quality control, storage, metadata, indexation...

Our facilities can accommodate virtually all formats including : 2 inch, 1 inch, U-Matic, VHS, S-VHS, Betacam SP, Digital Betacam, HD Cam, DV Cam, DVC pro... The transfers will be performed by highly trained technical staff working in modern, purpose-specific premises.



We are able **to digitize / migrate hundreds of thousands of hours** of audiovisual material programmes per year thanks to our highly efficient and optimized workflows ; and to generate a multitude of file based formats in realtime during the migration process.

Our in-house IT development team designs computer software in order to improve productivity and guarantee efficient quality control (material tracking, bar code labelling and scanning, default logging, label printing). For example, **we have developed a dedicated RF meter to read and analyse the RF level from all types of analog VTRs**, which is displayed as a graphical presentation and provides a log report.

Memnon has developed a new solution for indexation and documentation of audiovisual content, the IPI © - Manager ; for more information, please visit our website www.memnon.eu

- Experienced staff
- Efficient workflows
- A wide choice of input formats
- Quality assurance of the process
- Prestigious institutional clients

Case Story : SRF Migration project

Over than 100,000 hours digitized

Project scope

- 100,000 hours of television program on a wide range of formats : 1" B STD and LP, 1" C, U-matic HB and LB, BetaCamSP, DigiBeta
- Various states of tape degradation
- Three different customers in the same project: Swedish Television, Swedish Educational Broadcasting Company and National Library of Sweden-Department for Audiovisual Material
- 3 years project

Solution

- Non-robotic parallel digitisation: each migration line (handling several playback devices in parallel) is controlled by one operator
- Simultaneous migration to different formats
- Custom-built tool used to measure and record RF-levels during migration
- Quality Control:
 - Human (operators are AV engineers)
 - Automated (signal analysis)
 - Statistical (samples)
- Use of standard Broadcast and Archive formats
- Use of XML as standard for metadata import and export
- Custom built production management tools (SQL-based software)

Memnon's strengths

- High and flexible production capacity
- Automated workflow
- Mastering of open archiving formats
- Commitment to deadlines thanks to :
 - Careful project planning,
 - Strong project management,
 - Efficiency in logistics and asset tracking, and
 - Technical and IT expertise

Memnon Archiving Services :
European leader in the
digitisation and indexation
of audiovisual archives



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